MUSICbox

USER MANUAL

PCMusic

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1.
MUSICbox CONTROLS

1.1
Player Controls

The player control buttons are: **Rewind, Play, Pause, Stop, Next Track, Shuffle** (*Figure 1.1*).

Figure 1.1

1.) **Progress Bar** - Shows the progress of a song, visually (*Figure 1.2*).
2.) **Play Counter** - Displays the progress of a song, numerically (*Figure 1.2*).
3.) **Volume Slider** - Adjust the volume for any zone with the **Volume Slider** (*Figure 1.2*).
4.) **Scroll Bar** - Displays the media information (track name, artist, and artist year) (*Figure 1.2*).

Figure 1.2

1.2
Zone Menu

The **Zone Menu** allows switching between multiple **Zones** (*Figure 1.3*).

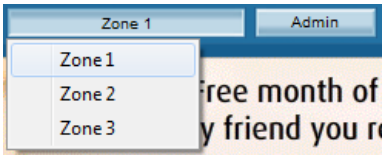


Figure 1.3

1.3
Admin Menu

The **Admin Menu** gives the user access to various system settings and functions. In order of appearance (*Figure 1.4*);

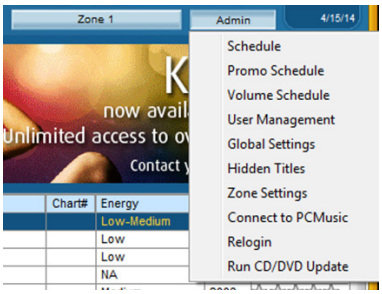


Figure 1.4

- **Schedule** - Create a regular schedule (*See the **Schedule** section for more information).
- **Promo Schedule** - Insert titles or promotional announcements into the **Now Playing** list (*See the **Schedule** section for more information).
- **User Management** - Create new users and define access to specific parts of the media player for select users (*See the **User Management** section for more information).
- **Global Settings** - Contains station and license information, global shuffle settings and appearance settings. (*See the **Global Settings** section for more information).
- **Zone Settings** - Enabling/disabling schedules and cross fade settings (*See the **Zone Settings** section for more information).
- **Connect to PCMusic** - Connects to the PCMusic server and downloads all new updates and media (*See **Downloaded Media** for more information).
- **Re-login** - Re-login as a different user (***Note:** Once selected it cannot be cancelled and a new log-in is required*).
- **Run CD/DVD Update** - Manually prompts the software to run a CD/DVD media update.

1.4
Now Playing Area

The **Now Playing Area** displays information about the title currently playing. Corresponding album art and/or video preview is also displayed here (*Figure 1.5*).

Figure 1.5

1.5
Media Navigator

The **Media Navigator** enables navigation through the media with the following search tags; **Artist**, **Album**, **Genre**, **Energy**, **Countries**, **Year**, **Labels**, **Playlists** and **Now Playing** (*Figure 1.6*).

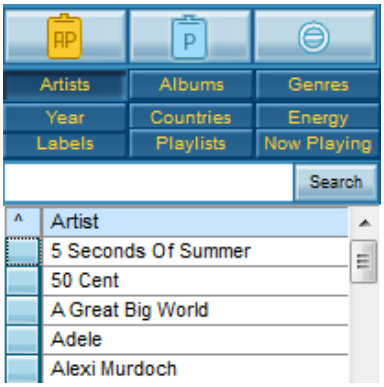


Figure 1.6

1.6
Search

Search by keywords for any title, artist or album. Type in the **Search Criteria Box** (*Figure 1.7*), click **Search**, and the results will be displayed in the **Media Results Pane**.

Figure 1.7

1.7
Now Playing

The **Now Playing** tab shows the title(s) currently in the queue. It will also highlight the title currently playing (*Figure 1.8*).

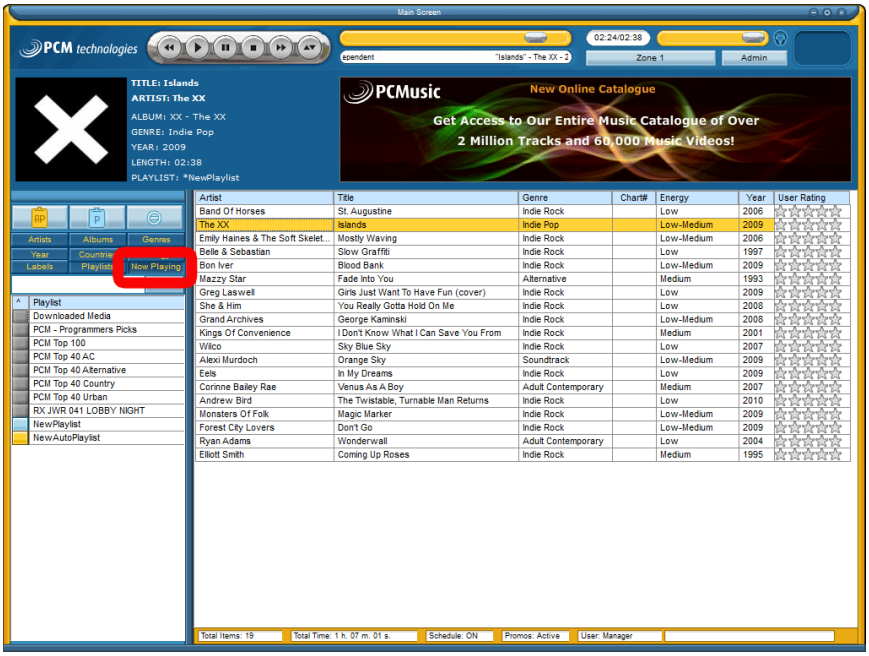


Figure 1.8

2.
PLAYLISTS

2.1
Overview

The **Playlists** tab shows available playlists. Playlists created in MUSICbox are called **Local Playlists**. **Static Playlists** are displayed with a blue box and **Auto Playlists** with an orange box.

Playlists provided by PCMusic are called **PCM Playlists** and are displayed with a grey box. To create a new **Static Playlist** click on . To create a new **Auto Playlist** click on . Only Local Playlists can be edited (*Figure 2.1*).

Figure 2.1

2.2
Player Info

The **Player Info** displays information about the media results, the schedule/promo status, and the current user (*Figure 2.2*).

Figure 2.2

a.) **Totals**

i) **Total Items** - The total number of items displayed in the **Media Results Pane** (*Figure 2.3*).
ii) **Total Time** - The total cumulative time in hours, minutes and seconds of the media results (*Figure 2.3*).

Figure 2.3

b.) **Schedule/Promo Status**

i) **Active** - Enabled and currently playing (*Figure 2.4*).
ii) **On** - Enabled, but not currently playing (*Figure 2.4*).
iii) **Off** - Not Enabled (*Figure 2.4*).

Figure 2.4

c.) **User**

The name of the **User**, currently logged in (*Figure 2.5*).

Figure 2.5

2.3
Adding Titles to a Playlist

a.) To create a **Static Playlist** click on , name the playlist and press **OK** (*Figure 2.6*).

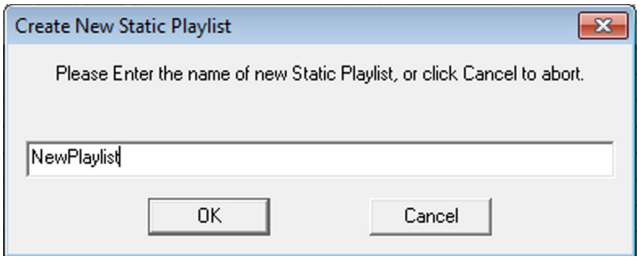


Figure 2.6

b.) Add content to the playlist by searching for titles using one of the tabs (**Artists**, **Albums**, **Genres**, etc.) or the **Search Criteria Box** (*Figure 2.7* & *Figure 2.8*).

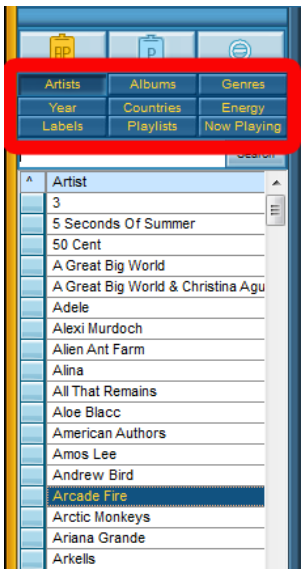


Figure 2.7

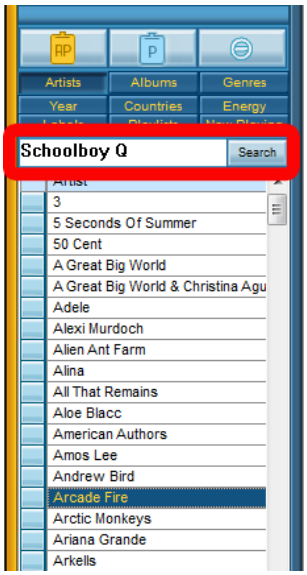


Figure 2.8

The title(s) matching the selected criteria will show up in the **Media Results Pane** on the right-hand side.

c.) Highlight the title(s) to be added to the playlist.

Hint: *Select multiple titles by holding the* ***CTRL*** *key and clicking on different titles. Add a group of titles by clicking on the first title, then hold the* ***Shift*** *key while selecting the last title in the group; all titles between will be selected. Press* ***CTRL + A*** *to select all titles in the* ***Media Results Pane****.*

d.) If necessary, select the **Playlists** tab again to view all Playlists (*Figure 2.9*).

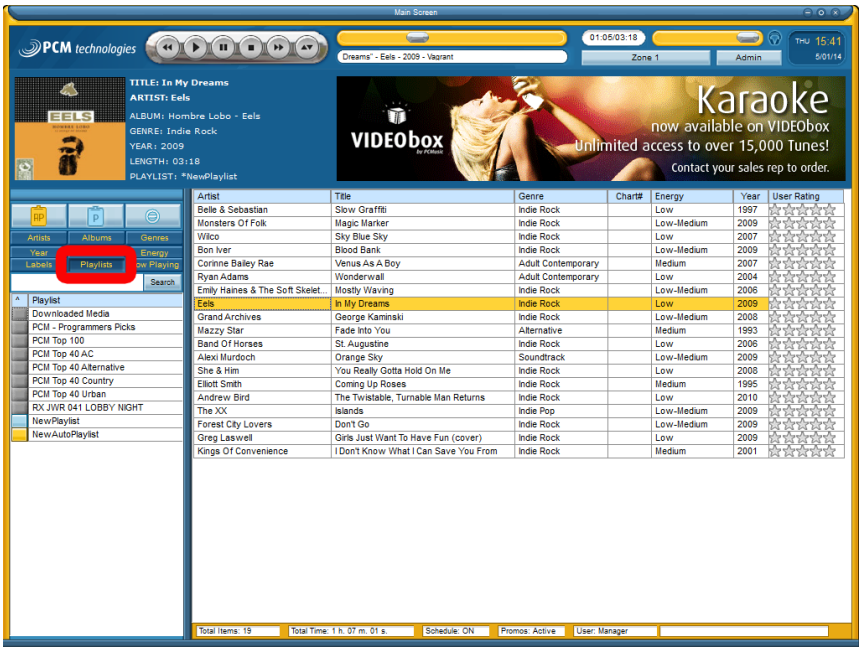


Figure 2.9

e.) To add content, drag the selected title(s) from the **Media Results Pane** and drop them onto the playlist on the left side.

Alternatively,

i.) Right-click on the selection and choose the **Add to a Playlist** option (*Figure 2.10*).

Figure 2.10

ii.) Select the playlist, from the dropdown menu, where the titles will be added (*Figure 2.11*).

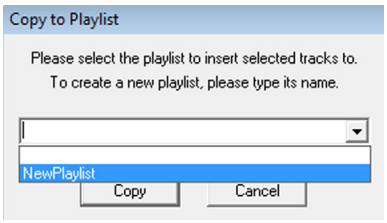

Copy to Playlist
Please select the playlist to insert selected tracks to.
To create a new playlist, please type its name.
NewPlaylist
Copy
Cancel

Figure 2.11

Note: *If the same title is added to a playlist multiple times, it will only show up once.*

2.4
Removing Titles from a Playlist

To remove a title(s) from a **Static Playlist**, select the desired title(s) for removal then right-click and select **Delete Songs from Static Playlist** *(Figure 2.12).*

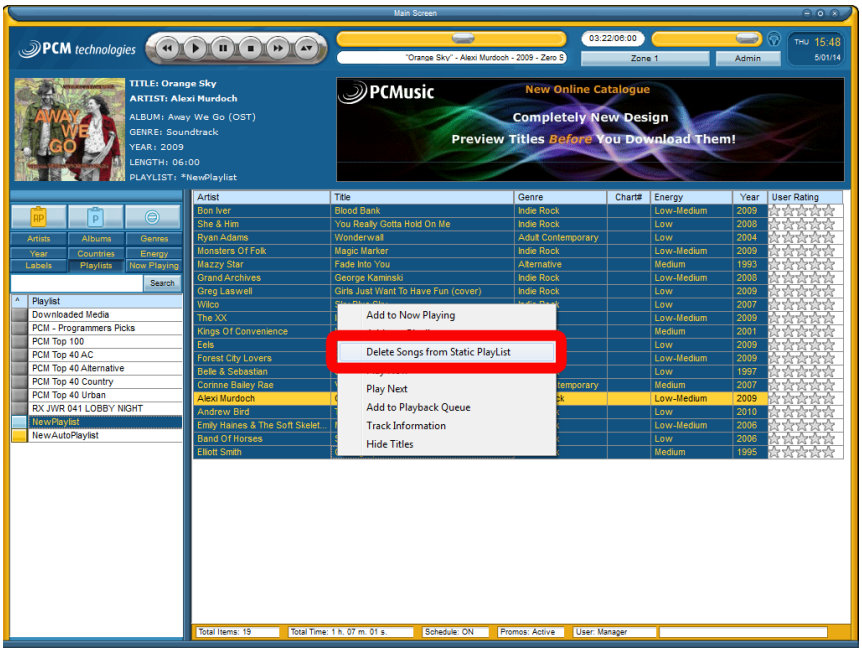


Figure 2.12

2.5
Deleting Playlists

Under the **Playlists** tab, select the playlist to delete then right-click and select **Delete Selected Playlist** (*Figure 2.13*). Or click on the **Delete Playlist** button (***Note:*** *All of the grey coloured playlists are* ***PCM Playlists*** *and cannot be deleted*).

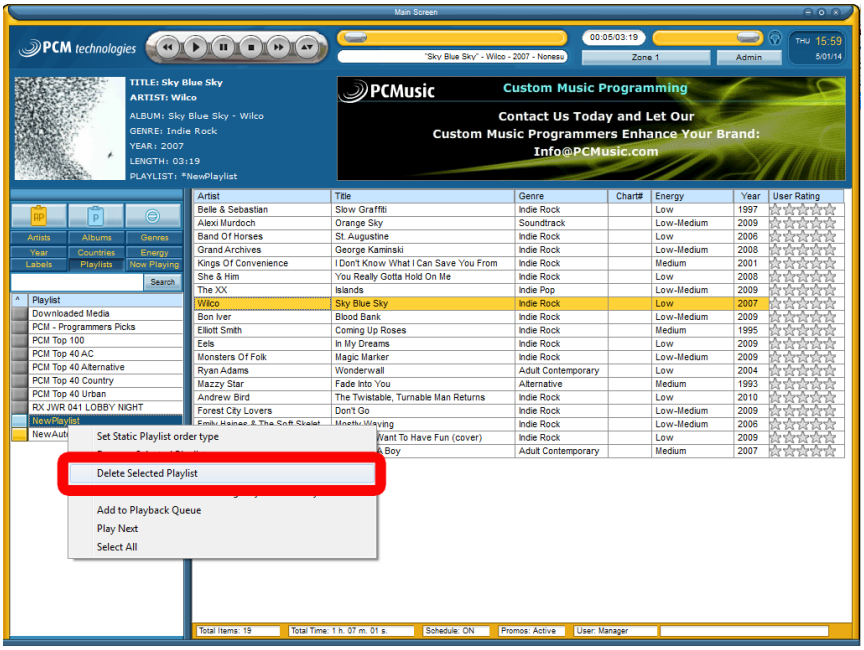


Figure 2.13

2.6
Auto Playlists

An **Auto Playlist** is a playlist that is automatically generated by a user's specified criteria (ie. **Genre**, **Artist**, **Year**, **Energy** etc). The user will define **Inclusion** and **Exclusion Rules** to generate these playlists automatically.

2.7
Inclusion Rule

An **Inclusion Rule** will add all relevant titles to the **Auto Playlist,** as defined by the criteria. To add an **Inclusion Rule** to an **Auto Playlist**, click on the button. In the example below, the **Inclusion Rule** will generate a playlist of all titles from the Dance genre (*Figure 2.14*).

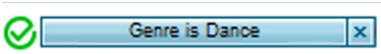


Figure 2.14

2.8
And/Or Functions

a.) Using the **And** function combines **Inclusion Rules** together, creating a list with both criteria. In the example below, the **Auto Playlist** will generate a list of every Dance title released between 2010 and 2014 (*Figure 2.15*).

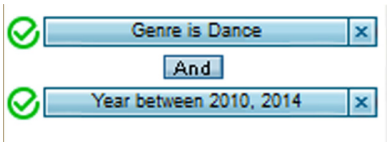


Figure 2.15

b.) Clicking on the **And** button will change the function to **OR**. Using the **OR** function will create a list with either criteria. In the example below, the **Auto Playlist** will generate a list of every Dance title and every title recorded between 2010 and 2014 (*Figure 2.16*).

Figure 2.16

c.) Both functions can also be combined. In the example below, the **Auto Playlist** will generate a list of Dance titles released between 2010 and 2014 and a list of Electronica titles released in 2012 (*Figure 2.17*).

Figure 2.17

2.9
Exclusion Rule

An **Exclusion Rule** will exclude all titles from an **Auto Playlist** that are defined by the criteria. To add an **Exclusion Rule** to an **Auto Playlist,** click on the button or toggle between the **Inclusion** and **Exclusion** functions clicking on the icons. In the example below, the **Auto Playlist** will look for Dance titles released between 2010 and 2014, Electronica titles released in 2012 and exclude any titles that are Low Energy (*Figure 2.18*).

Figure 2.18

2.10
Creating an Auto Playlist

a.) Click on and enter a playlist name (*Figure 2.19*).

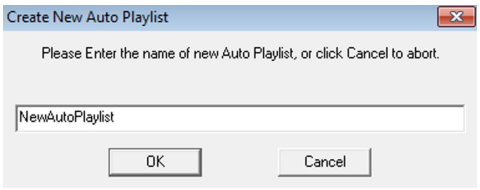


Figure 2.19

b.)

i.) An **Auto Playlist** will automatically open with an **Inclusion Rule** to configure (*Figure 2.20*).

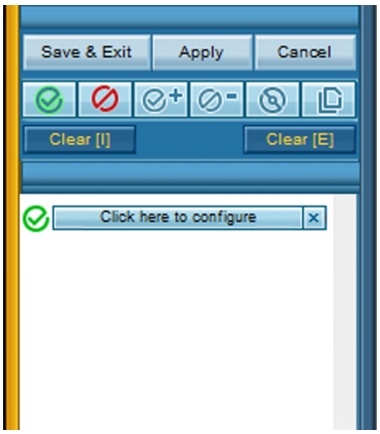


Figure 2.20

ii.) Click on **Click Here to Configure** to select criteria for an **Auto Playlist** (*Figure 2.21).*

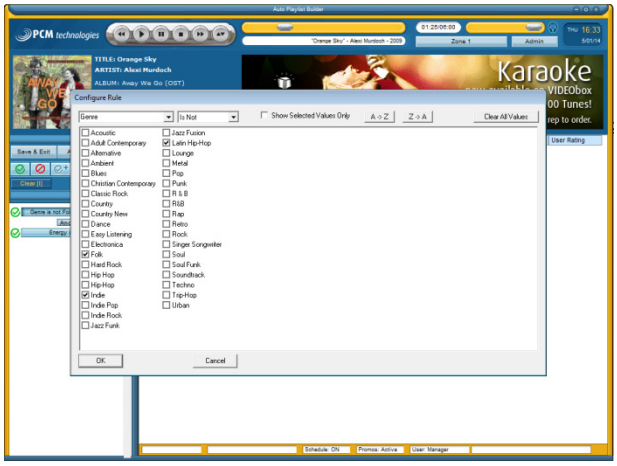


Figure 2.21

iii.) Select criteria from the first dropdown menu (*Figure 2.22*).

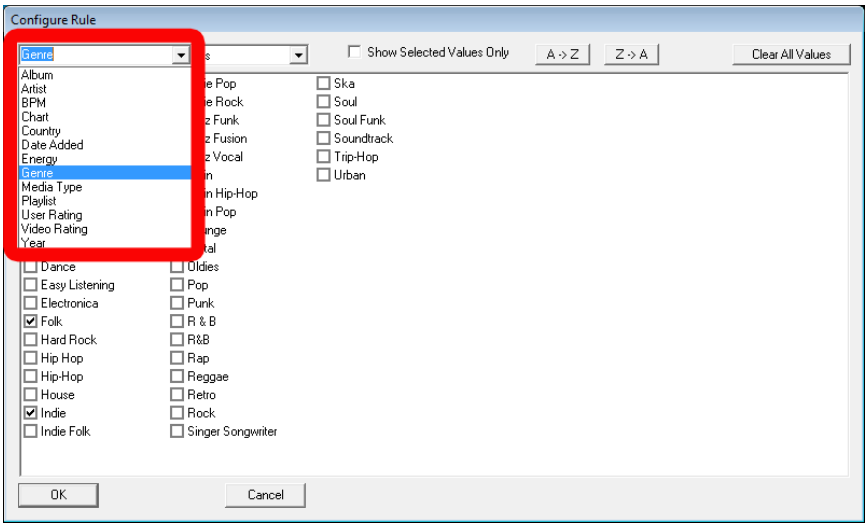


Figure 2.22

iv.) Select criteria from the second dropdown menu (*Figure 2.23*).

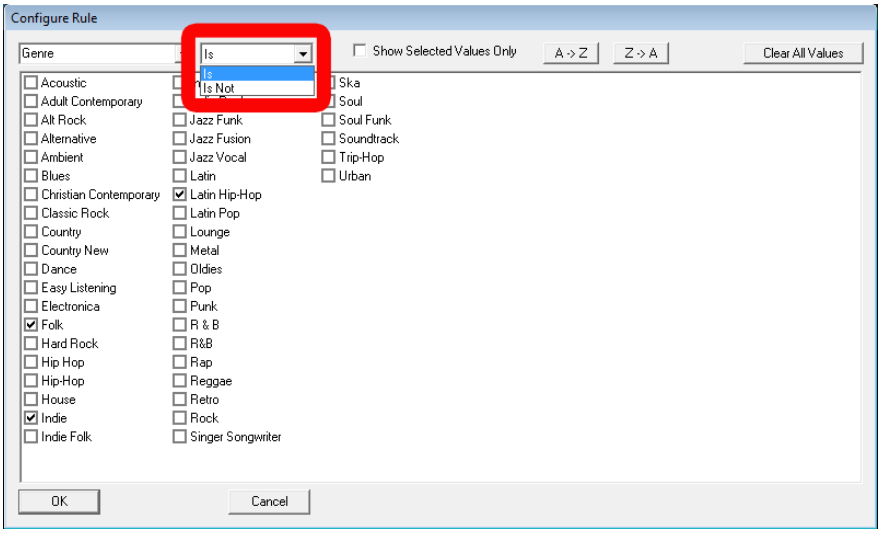


Figure 2.23

v.) Select from the options below and click **OK** (**Note:** Up to 50 selections can be made at one time).

Hint: *The* A -> Z Z -> A *buttons sort alphabetically. Enabling the* ***Show Selected Values Only*** *will display only the criteria selected. To delete all current selections and start again, click* Clear All Values.

c.) Click on the **Show Results** button while creating an **Auto Playlist** to see updated content on the playlist.

d.) To add more rules to a playlist, click on either or and follow the same steps as above. When finished, click **Save & Exit**.

2.11
Including Titles in an Auto Playlist

Specific titles can be added to an **Auto Playlist**, outside of the rules, by following the same process described in section 2.2 "**Creating Static Playlists**".

To view the manually-included titles, click on the button**.** The manually-included titles will appear on the right (*Figure 2.24*).

Figure 2.24

2.12
Excluding Titles from an Auto Playlist

To exclude specific titles from an **Auto Playlist**, outside of the rules:

a.) Click on the **Auto Playlist** and highlight the title(s) to exclude.

b.) Right-click on the highlighted titles and select **Exclude Songs from Auto Playlist** (*Figure 2.25*).

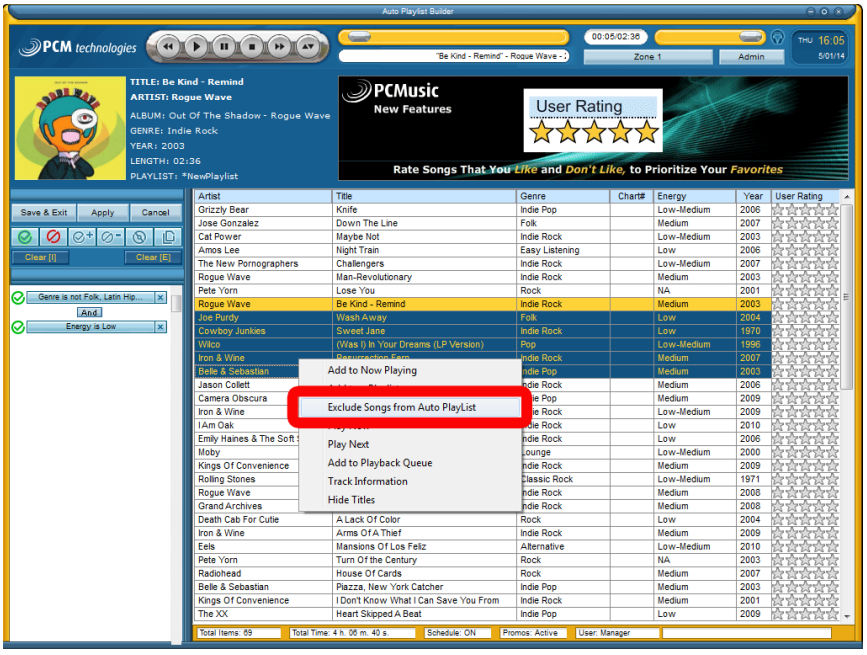


Figure 2.25

2.13
Order Rules

An **Order Rule** takes precedence over all other shuffling functions. For instance, if the **Artist** order rule is chosen, the playlist will be sorted to ensure that there is maximum separation between all similar artists.

a.) In the **Playlist** tab, right-click on the playlist and choose **Set Static Playlist Order Type** (*Figure 2.26*).

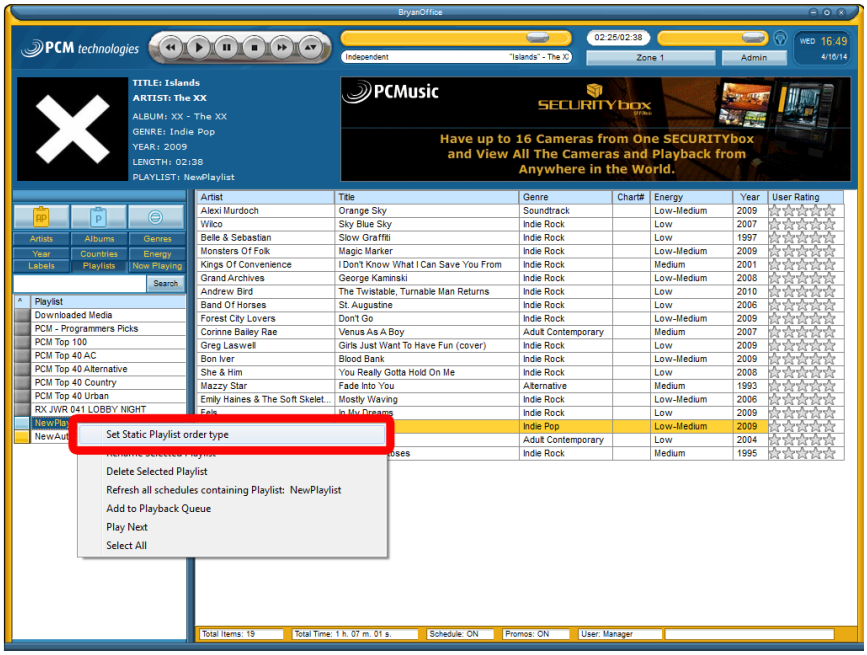


Figure 2.26

b.) Select the Order Rule from the dropdown menu and click **OK** (*Figure 2.27*).

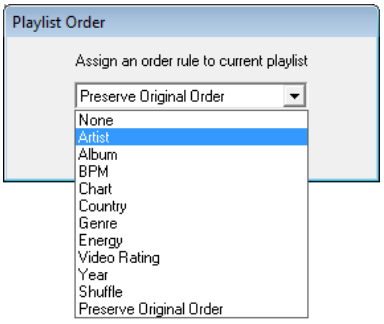


Figure 2.27

c.) The playlist will now automatically be sorted by the selected order rule each time it is used.

3.
SCHEDULES

3.1
Creating a Schedule

There are 4 types of schedules that can be created: a **Schedule**, an **Events Schedule**, a **Promo Schedule**, and a **Promo Events Schedule**. Certain schedules are given higher priority than others, the **Promo Events Schedule** has the highest priority and the main **Schedule** has the lowest.

Schedule Priorities

Schedule – Events Schedule – Promo Schedule – Promo Events Schedule

Lowest <----------> Highest

a.) Choose the correct Zone for scheduling (*Figure 3.1*).

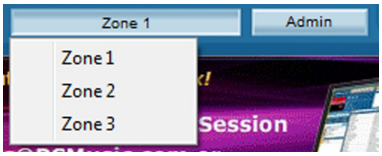


Figure 3.1

b.) Click on the **Admin Menu** and choose **Schedule** (*Figure 3.2*).

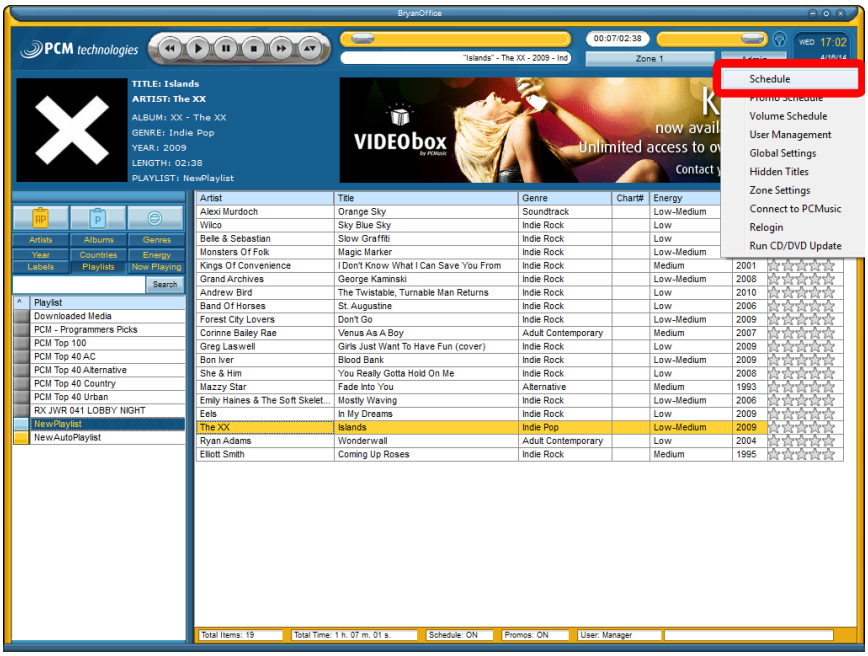


Figure 3.2

c.) A new window will display a grid pattern in the main pane (*Figure 3.3*).

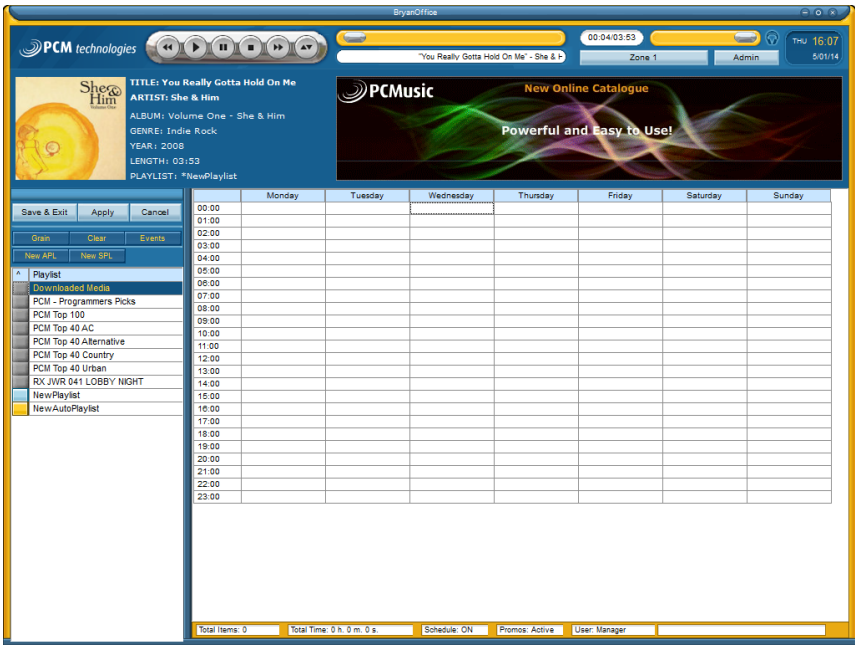


Figure 3.3

d.) *(Optional)* To change the time intervals/size of the grid, click on the **Grain** button and choose a different time set. Default is set to 1 hour (*Figure 3.4*).

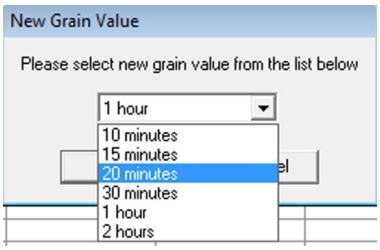


Figure 3.4

***Note:** If changing from a smaller grid to a larger grid, the schedule will round-up the selections.*

e.) Select the playlist to schedule by clicking on its name in the left frame. In the grid frame, click on the times of day to schedule the playlist (*Figure 3.5*).

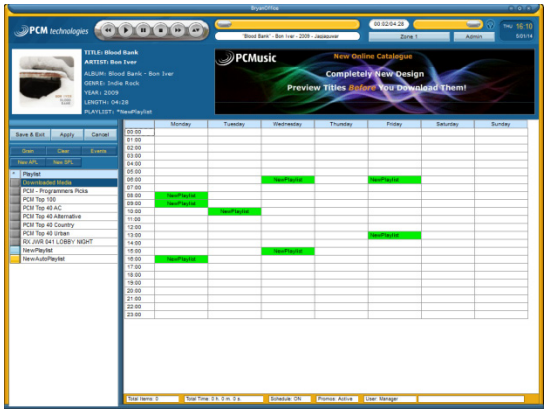


Figure 3.5

f.) Repeat steps d.) and e.) until the desired scheduling is accomplished (***Note:*** *Remove a playlist from a selected time by right-clicking on that playlist. Remove all playlists on the grid by selecting* ***Clear*****).**

g.) Click on **Apply** to save changes.

h.) To edit other **Zones**, click on the **Zone Menu** and select the new zone to schedule.

i.) When finished, click **Save & Exit**.

3.2
Creating an Events Schedule

An events schedule will allow scheduling at specific times and dates.

a.) Follow steps a.) and b.) from section 3.1 "**Creating a Schedule**".

b.) Click on the **Events** button in the left pane (*Figure 3.6*).

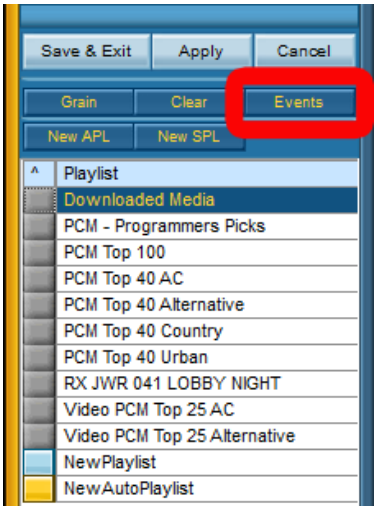
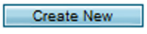


Figure 3.6

c.) Click on the 

button in the far right pane.

d.) Select the created event. It can be renamed by double-clicking on the name (*Figure 3.8*).

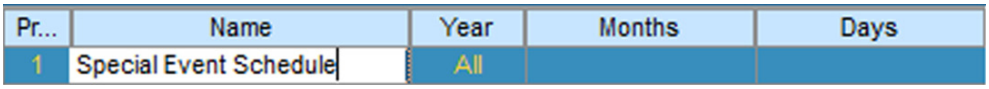


Figure 3.8

e.) *(Optional)* Select a grain, as described in section 3.1 d.) "**Creating a Schedule**".

f.) *(Optional)* Select the Priority (*Figure 3.9)* (***Note:*** *1 is the highest priority and 10 is the lowest priority within* ***Events Scheduling***).

g.) Select the year (*Figure 3.9*).

Figure 3.9

h.) Select the month(s) (*Figure 3.10*).

Figure 3.10

i.) Select the day(s) of the month (*Figure 3.11*) or the day(s) of the week (*Figure 3.12*).

Figure 3.11

Figure 3.12

j.) Select the Playlist to schedule and the times to play the playlist (*Figure 3.13*).

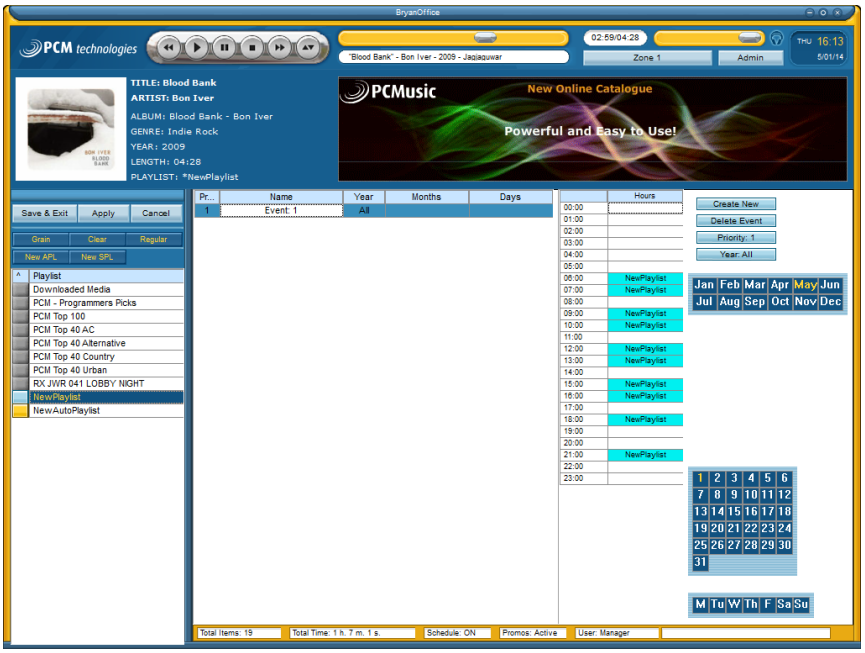


Figure 3.13

k.) Click **Save & Exit**. To create another event, follow steps c.) through k.), above. Up to 10 Events can be scheduled.

l.) For multiple **Zones**, click on the **Zone Menu** and select the new zone to schedule (***Note:*** *If* ***Zones*** *are switched, all programming is automatically saved*).

m.) To delete an event, select the event and click on **Delete Event**.

3.3
Creating a Promo Schedule

A **Promo Schedule** is similar to a regular **Schedule**, but adds an area called **Selection Properties**. **Selection Properties** can set a promo to play continuously for the time selected or play it intermittently (to learn more about the **Selection Properties**, see section 3.5).

a.) Choose the desired **Zone** to schedule.

b.) Click on the **Admin Menu** and choose **Promo Schedule** (*Figure 3.14*).

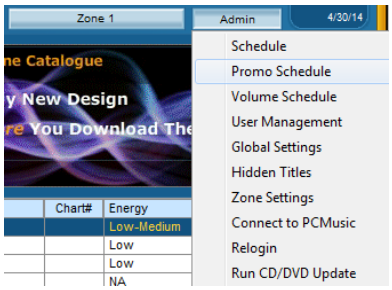


Figure 3.14

c.) *(Optional)* Select a Grain.

d.) Select the playlist to schedule.

e.) In the right frame, select the times to schedule the playlist.

f.) Repeat steps d.) and e.) as desired.

g.) Once a playlist is scheduled, it will show up in the **Selection Properties** pane on the right; double-click on the Selection to make modifications (*Figure 3.15*).

Figure 3.15

h.) Choose to play the playlist every number of songs or every number of seconds and click **OK** (*Figure 3.16*).

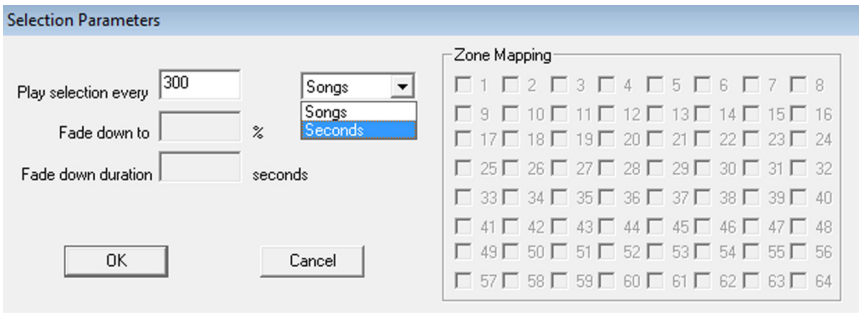


Figure 3.16

i.) When finished creating the Schedule click **Save & Exit**.

j.) For multiple **Zones**, click on the **Zone Menu** and select the new zone to Schedule (***Note:*** *if* ***Zones*** *are switched, all programming is automatically saved*).

3.4
Creating a Promo Events Schedule

A **Promo Events Schedule** is similar to a **Promo Schedule** but allows scheduling at specific times and dates.

a.) Choose the correct **Zone** to schedule.

b.) Click on the **Admin Menu** and choose **Promo Schedule**.

c.) Click on **Events**.

d.) Click on the **Create New** button.

e.) Select the created event. It can be renamed by double-clicking on the name.

f.) *(Optional)* Select a grain.

g.) *(Optional)* Select the Priority (***Note:*** *1 is the highest priority and 10 is the lowest priority within Events Scheduling*).

h.) Select the year.

i.) Select the month(s).

j.) Select the day(s) of the month, or the day(s) of the week.

k.) Select the playlist(s) to schedule and the time(s) to play the playlist(s).

l.) Once the playlist(s) is scheduled, it will show up in the **Selection Properties** section on the right. Double-click on it to play the playlist every number of songs or every number of seconds and then click **OK**.

m.) Click **Save & Exit** when finished. To create another event, follow steps d.) through m.).

n.) To delete an event, select the event and click on **Delete Event**.

o.) For multiple **Zones**, click on the **Zone Menu** and select the new zone to schedule (***Note:*** *if* ***Zones*** *are switched, all programming is automatically saved*).

3.5
Selection Properties

Every playlist added to a schedule will have its own properties. These properties can be viewed and adjusted in the **Selection Properties** pane, to the right of the scheduling grid. By default, the **Selection Properties** are set to **Continuous Play** (*Figure 3.17*), meaning that the playlist will play continually over the regular schedule. These settings can be changed by double-clicking on the playlist properties which brings up the **Selection Properties** window. In this window, promos can be set to play either by **Songs** or by **Seconds** (*Figure 3.17*).

Figure 3.17

a.) Play Selection Every Number of Songs

To play a promo between songs, use the **Songs** option. The player will play songs in the regular schedule and switch to a promo after the defined number of songs play. The regular schedule will resume once the promo has finished (*Figure 3.18*).

In this example (*Figure 3.18*), the schedule will play through 5 songs. Then the promo will play, followed by 5 more songs. This will be repeated through the duration of the **Promo Schedule**.

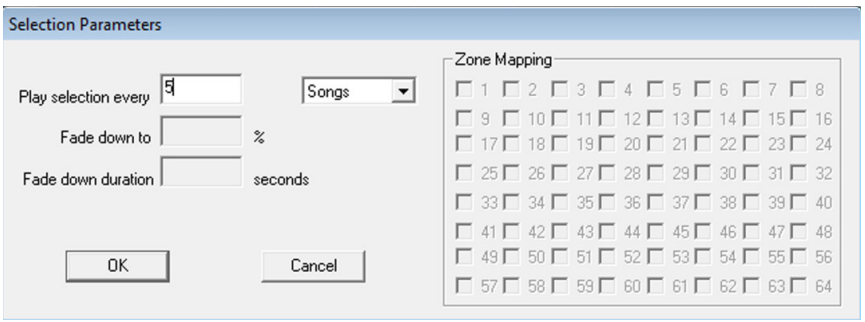


Figure 3.18

b.) Play Selection Every Number of Seconds

To play a promo at a specific time, choose the **Seconds** option. Songs in the regular schedule will play until the number of seconds is reached. When this number is reached, the song playing will fade and the promo will play over top of the song. The schedule will resume, fading back in, when the promo finishes. In the example below (*Figure 3.19*), the promo will play every 300 seconds (or 5 minutes).

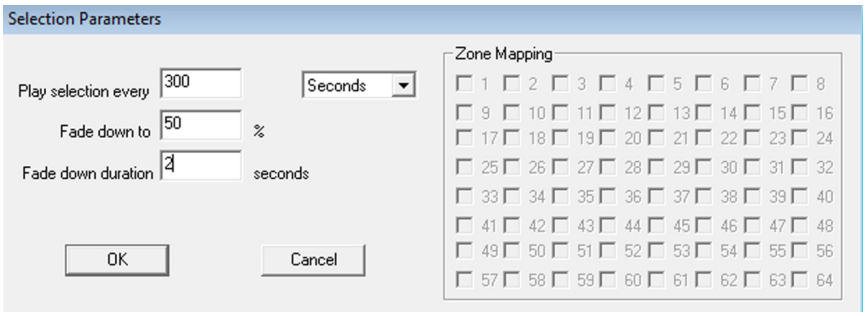


Figure 3.19

3.6
Fading

Choosing the **Seconds** option from the **Play Selection Every** dropdown will allow control over the way promos **Fade** in and out. In the aforementioned example (*Figure 3.23*), the regular schedule will fade to 50% volume, as defined by the **Fade Down To** input box, while the promo plays at 100% volume. When the promo finishes, the regular schedule will fade back to 100% volume. The **Fade,** both in and out, will occur within 2 seconds, as defined by the **Fade Down Duration.**

3.7
Priorities

Different priority levels can be set for an **Events Schedule** or a **Promo Events Schedule**. Priority 1 is the highest and 10 is the lowest. When one event overlaps another, the event with the highest priority will cancel out the other event. Events are automatically assigned priority in the order they are created.

3.8
Enabling Schedules

A schedule must be enabled before it can be played. Once enabled, the schedule will not stop until it is disabled. Only Users with access to the **Zone Settings** will be able to disable a schedule once it is enabled.

a.) Open the **Admin Menu** and click on **Zone Settings**.

b.) Check off the schedules to be enabled and click **OK**.

3.9
Active Schedule: Manual Playback

Depending on a user's access rights, songs can be manually played while an **Active Schedule** is playing. To queue a song, right-click on the song title and choose **Play Next**. The queued song will play after the current song finishes (*Figure 3.20*).

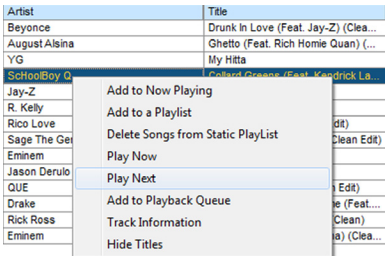


Figure 3.20

Play Next adds the selected title to the **Now Playing** playlist. When the schedule has finished playing all the songs in the **Now Playing** playlist, it will start over from the beginning and remove any manually selected titles.

To play a song immediately, double-click on the selected song or right-click and choose **Play Now.** The song will be added to the **Now Playing** playlist and will be removed when the schedule ends and refreshes.

4.
USER MANAGEMENT

4.1
Overview

To manage a user's access to certain settings, click on the **Admin Menu** and select **User Management** (*Figure 4.1*).

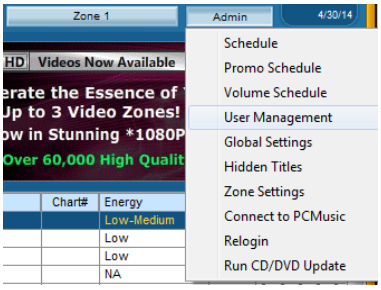


Figure 4.1

4.2
User Management Window

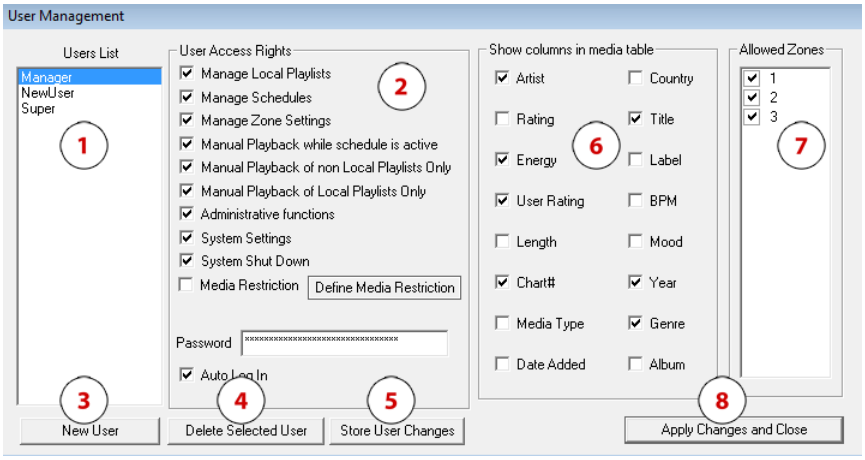


Figure 4.2

1.) **Users List** - Shows a list of users in the system (*Figure 4.2*).

2.) **User Access Rights** - Assigns the access rights for a user (*Figure 4.2*).

3.) **New User** - Add a new user to the Users List (*Figure 4.2*).

4.) **Delete Selected User** - Remove a user from the Users List (*Figure 4.2*).

5.) **Store User Changes** - Save changes made to a user (*Figure 4.2*).

6.) **Show columns in media table** - Assign which columns will be shown to the user (*Figure 4.2*).

7.) **Allowed Zones -** Choose which **Zones** a user can manage (*Figure 4.2*).

8.) **Apply Changes and Close –** Apply any changes made and close the window (*Figure 4.2*).

4.3
Creating a New User

Up to 16 unique users can be added to the system, each with their own access rights.

a.) Click on **New User** and enter a name (*Figure 4.3*).

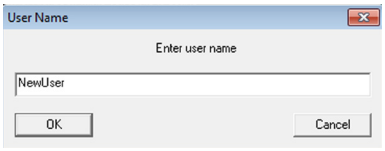


Figure 4.3

b.) Select the rights that the user will have by checking the boxes (*Figure 4.4*).

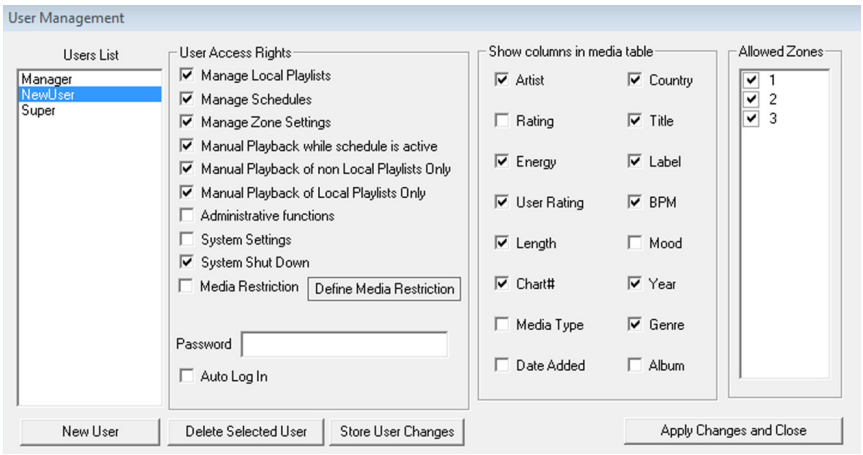


Figure 4.4

c.) To restrict certain media from a user, click on the **Media Restriction** box and click on **Define Media Restriction** (*Figure 4.4*).

d.) Choose a password for the user and enter it in the Password field (*Figure 4.4*).

e.) Choose the columns that appear in the **Media Results Pane** (*Figure 4.4*).

f.) Choose the **Zones** the user is allowed to manage (*Figure 4.4*).

g.) Click on **Apply Changes and Close** or create another user by selecting **Store User Changes** and follow all the steps again.

4.3
Defining User Access Rights

Figure 4.5

In order of appearance (*Figure 4.5*);

- **Manage Local Playlists** - If enabled, the user is able to make changes to any local playlist.
- **Manage Schedules** - If enabled, the user is able to make changes to any local schedule.
- **Manage Zone Settings -** If enabled, the user is able to make changes to any of the zone settings.
- **Manual Playback While Schedule is Active** - If enabled, the user is able to manually playback title(s) while the schedule is active.
- **Manual Playback of Non-Local Playlists Only** - If enabled, the user is able to play a server created playlist.
- **Manual Playback of Local Playlists Only** - If enabled, the user is able to play a locally created playlist.
- **Administrative Functions** - If enabled, the user will have access to the hidden **Administrative Menu** and all settings in that menu.
- **System Settings** - If enabled, the user will have access to the User Management and Global Settings Menus and all settings in those menus.
- **System Shut Down** - If enabled, the user will be able to shut down the system.
- **Media Restriction –** If enabled, allows the user to restrict media for certain users.

4.4
Defining Media Restrictions for Users

Defining Media Restrictions will exclude certain media from users. To restrict media from a specific user, follow these steps:

a.) Click on **Define Media Restrictions**.

b.) A window similar to the **Auto Playlist** window will open. Click on the button to create a blank rule.

c.) Configure the rule by clicking on it and selecting the criteria (*Figure 4.6*).

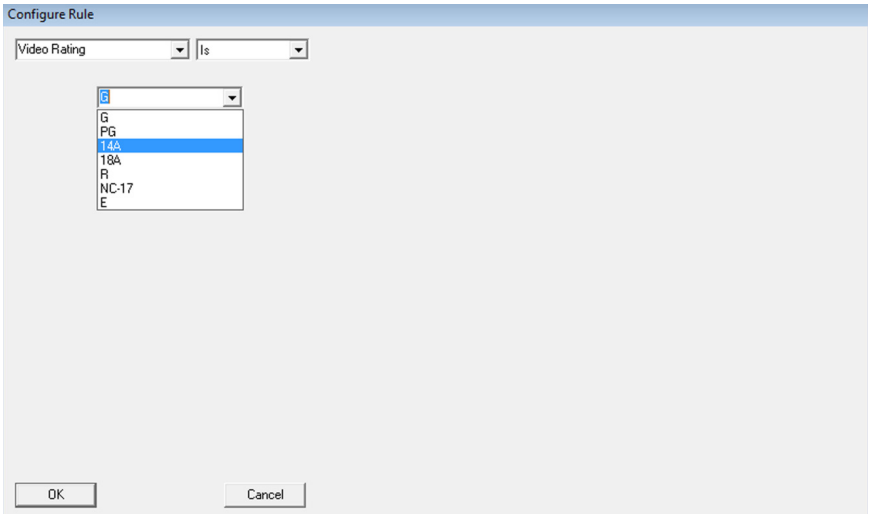


Figure 4.6

d.) Click on the **Show Results** button. The media shown will be the media restricted from that user.

e.) Click on **Save & Exit**.

Check **Media Restriction** (*Figure 4.8*) and click **Apply Changes and Close**.

Figure 4.8

4.5
Auto Login

When enabled, the selected user will be logged in automatically. If this box is not checked, the system will ask for the login credentials each time the program starts up.

a.) Select the user for **Auto Login**.

b.) Place a check in the **Auto Login** box.

c.) Click on **Apply Changes and Close**.

d.) Re-enter the password for the user and click **OK**.

5.
SETTINGS

5.1
Global Settings

Global Settings contain information about the license and allow modifications to the system. To access **Global Settings**, click on the **Admin Menu** and select **Global Settings** (*Figure 5.1).*

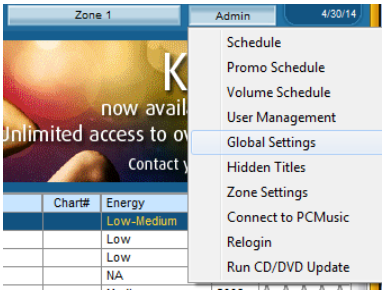


Figure 5.1

5.2
Global Settings Window

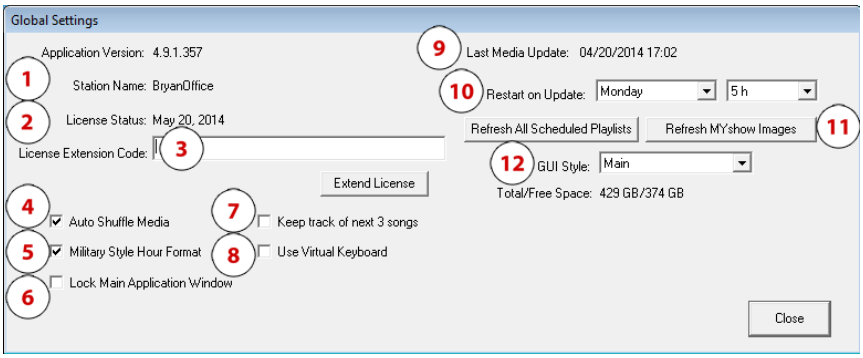


Figure 5.2

1) **Station Name** – The customer's station name (*Figure 5.2*).

2) **License Status** - Displays the license expiration date (*Figure 5.2*).

3) **License Extension Code** - Enter a code to manually extend the license. This code is provided by PCMusic (*Figure 5.2*).

4) **Auto Shuffle Media** - Automatically shuffles media in the playlists (***Note: Order Rules*** *take precedence over this setting*) (*Figure 5.2*).

5) **Military Style Hour Format** - Changes the time format to military style (*Figure 5.2*).

6) **Lock Main Application Window** – Locks the application window in a desired location (*Figure 5.2*).

7) **Keep track of next 3 songs** – When initialized, this keeps a record of the 3 most recently played songs (*Figure 5.2*) (For use in conjunction with PCMusic's Cover Art application).

8) **Use Virtual Keyboard** – When initialized, MUSICbox's virtual keyboard will be operational (*Figure 5.2*).

9) **Last Media Update** – The date when the system media was last updated (*Figure 5.2*).

10) **Restart on Update** – Specifies the date and time MUSICbox will restart after a software update (*Figure 5.2*).

11) **Refresh buttons** – When initialized, these buttons will prompt a refresh of playlists currently used in a schedule (*Figure 5.2*).

12) **GUI Style** - Select between the available Graphical User Interfaces (*Figure 5.2*).

5.3
Zone Settings

Zone Settings allow the user to enable or disable a schedule and access **Fade** settings (*Figure 5.4*). To access **Zone Settings**, select **Zone Settings** from the **Admin Menu** (*Figure 5.3*)**.**

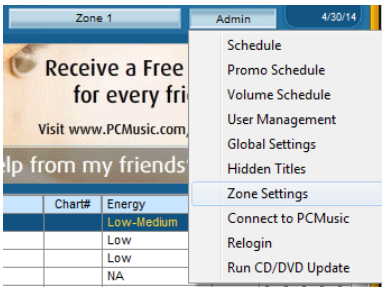


Figure 5.3

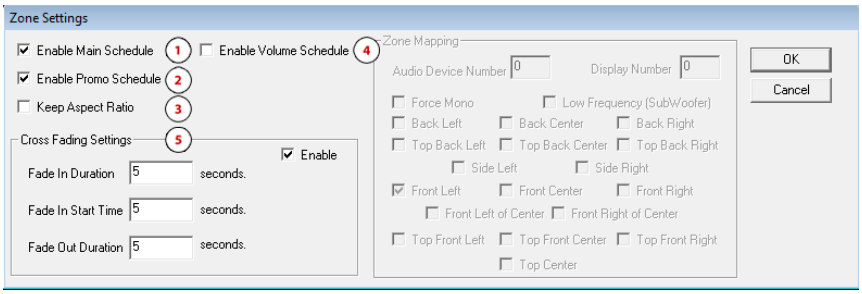


Figure 5.4

1) **Enable Main Schedule** - When enabled, playback will follow the assigned **Main Schedule** (*Figure 5.4*).

2) **Enable Promo Schedule** - When enabled, playback will follow the assigned **Promo Schedule** (*Figure 5.4*).

3) **Keep Aspect Ratio** - When enabled, videos will retain their aspect ratio. If disabled, videos will fill to full screen (*Figure 5.4*).

4) **Enable Volume Schedule** - When enabled, playback will follow the assigned **Volume Schedule** (*Figure 5.4*)**.**

5) **Cross Fading Settings** - Controls the Fade of tracks into each other (*Figure 5.4*).

    i. **Fade In Duration** - Sets the amount of time (in seconds) it takes for the new title to reach full volume.

    ii. **Fade Out Duration** - Sets the amount of time (in seconds) it takes for a song to fade out.

6.
UPDATING THE LIBRARY

6.1
Update from CD

a.) Insert Update CD into the CD Tray and close the CD Tray.

b.) CD Update will begin automatically.

c.) A screen will appear showing all the files being imported into MUSICbox.

d.) After all the files are imported, the screen will return to the MUSICbox interface.

e.) MUSICbox can be used while an update is occurring in the background.

6.2
Online Music Catalogue

To add titles to MUSICbox through the **Online Music Catalogue**;

a.) Open an internet browser.

b.) Navigate to http://omc.pcmusic.com/omc/Account/Register.aspx

c.) Enter the Username and Password credentials that were provided by PCMusic and click **Log In** (*Figure 6.1*).

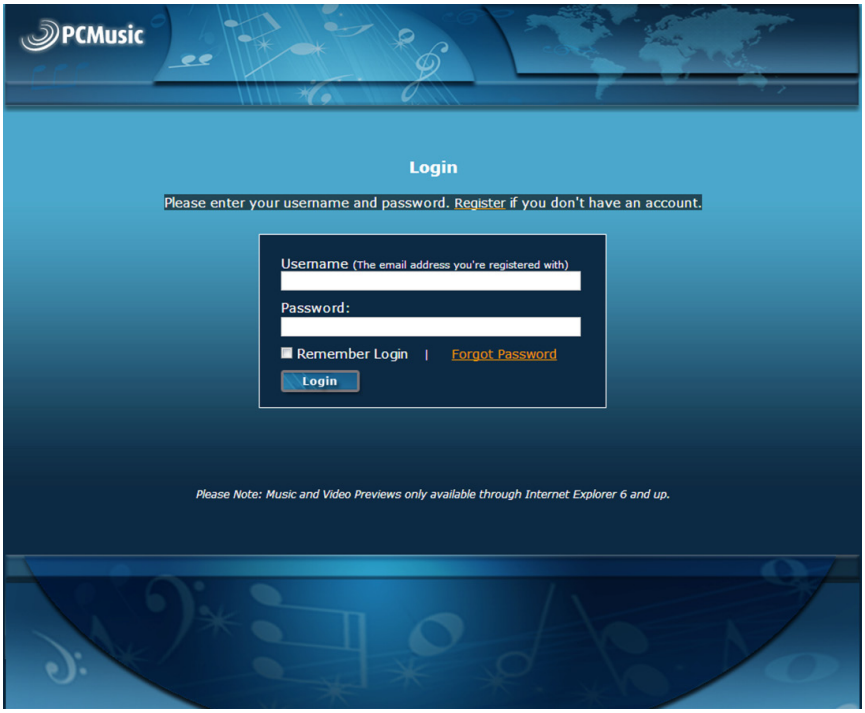

PCMusic
Login
Please enter your username and password. Register if you don't have an account.
Username (The email address you're registered with)
Password:
Remember Login | Forgot Password
Login
Please Note: Music and Video Previews only available through Internet Explorer 6 and up.

Figure 6.1

d.) In the **Search Box**, input an **Artist Name**, **Song Title**, **Album Name** or **Record Label Name**, then click **Go**. This will search through PCMusic's extensive music and video selections and display the results below (*Figure 6.2*).

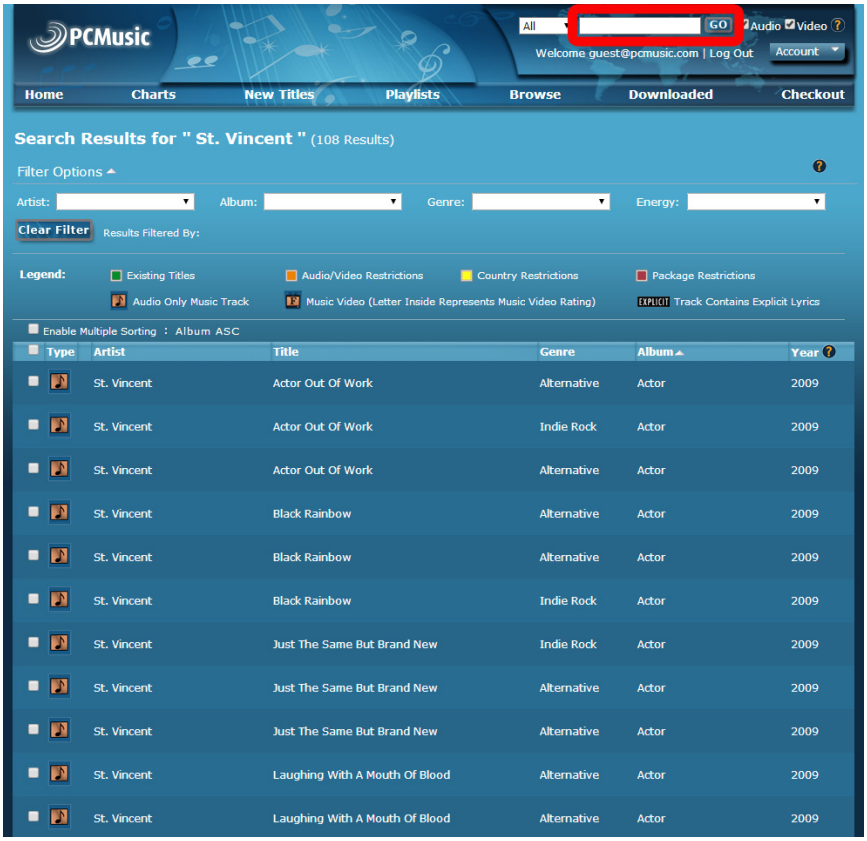


Figure 6.2

e.) Sort the fields by **Artist**, **Song Title**, **Album** or **Year** by clicking on the appropriate heading.

f.) Check the add box to the left of the title information to add the media to the **Cart** (*Figure 6.4*).

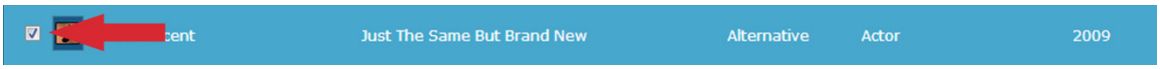


Figure 6.4

g.) When finished adding titles, click on **Check Out**, in the top right corner.

h.) Click **Download All** in the **Check Out** display. All songs displayed here will be downloaded to MUSICbox the next time the player connects to the PCMusic server.

Hint: *The player automatically connects and downloads new media at scheduled times. To manually download the new media, click on* ***Connect to PCM*** *in the* ***Admin Menu****.*

6.3
Downloaded Media

When the **Online Music Catalogue** is used to download new media it will be added to a playlist called **Downloaded Media.** Access this playlist by clicking on the **Playlist** tab in the **Media Navigator** (*Figure 6.5*).

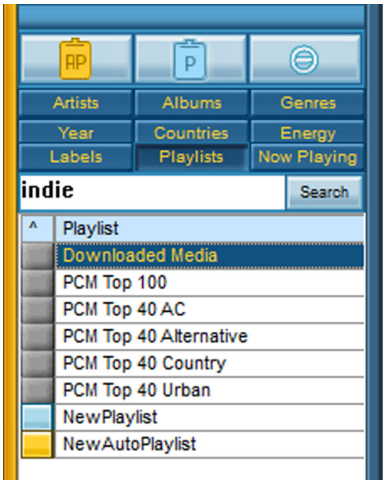


Figure 6.5

The player checks for new media to download every 24 hours. If a song has been added to the **Downloaded Media** playlist or if PCMusic has made changes to its playlists, new media will be downloaded at that time. Manually download new media anytime by clicking on **Connect to PCMusic** in the **Admin Menu** (*Figure 6.6*).

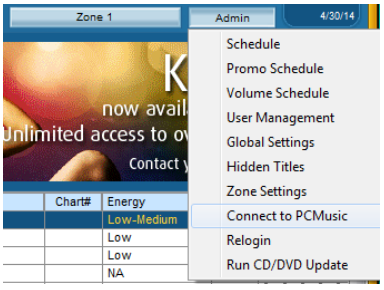


Figure 6.6

Downloading Media will not interrupt the schedule(s) or any song currently playing. All downloading happens in the background and gets added to MUSICbox automatically. To view recently downloaded media, select the **Downloaded Media Playlist** and its contents will be displayed in the **Media Results Pane**, with new media added to the bottom of the list.

Note: *Downloading times may vary, depending on how much content is being downloaded and internet connection speed.*

7.
MYshow

7.1
Creating a MYshow Schedule

MYshow displays images or videos on a secondary screen while audio content is being played in the same zone.

a.) Add Images to the Images folder: **Start\Programs\Images**

I. This is the default folder set in MYshow and can be changed in the **Image Presentation Parameters**.

b.) Click **Admin** and then **MYshow Schedule** (*Figure 7.1*).

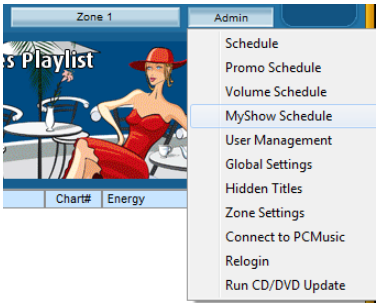


Figure 7.1

c.) Select **Images** from the list of **Playlists**.

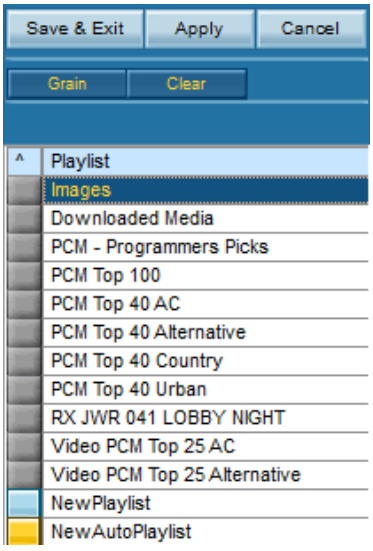


Figure 7.2

d.) Schedule the playlist by dragging or clicking on the desired time and day.

e.) To adjust an image's duration on the secondary screen, **double-click** on the **Images** playlist and change the value of "Delay (seconds)" (*Figure 7.3*).

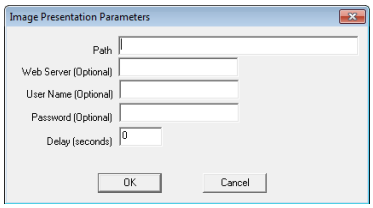


Figure 7.3

f.) Click **OK**.

g.) Click **Save and Exit** to activate the MYshow schedule.

7.2
Accessing Images from a Web Server

In addition to accessing images in a local folder, MYshow can also access images stored in an external Web Server.

MUSICbox will connect to the Web Server to download images locally, while continually checking the server for updates. Web image folders must be configured with the **Directory Browse** option **Enabled**.

Optimal Image Specifications

Mode: RGB (CMYK is not supported)
Bit Depth: 24 bit
Format: JPEG
Resolution: 1024 x 768

a.) Open MYshow and double-click on the **Image Presentation** playlist.

b.) Fill in the following information

I. **Path:** Name of the Image Folder on the Web Server.
II. **Web Server:** Web Server address.
III. **User Name:** User name to access the Web Server when authentication is required.
IV. **Password:** Password used to access the Web Server when authentication is required.

c.) Click **OK**.

d.) Click **Save and Exit**.

7.3
Displaying Videos in MYshow

Creating a MYshow Video schedule will display video content on a secondary screen while audio playback is active. If the video file includes an audio track, MYshow will not play it to avoid conflict. Follow the steps below to create a MYshow Video schedule.

a.) Create a video playlist.

b.) Add video content and ensure only video files are added.

c.) Click **Admin** and select **MYshow Schedule**.

d.) Schedule the playlist by dragging or clicking on the desired time and day (*Figure 7.4*).

Figure 7.4

e.) Click **OK**.

f.) Click **Save and Exit**.

8.
Addendum

8.1
User Ratings and Date Added Media Columns

There are two columns that can be displayed in the media table – User Rating and Date Added. Enable these columns from the **User Management** menu.

a.) Click the **Admin** button and select **User Management**.

b.) Select the user from the **User List**.

c.) Select **Date Added** and/or **User Rating** checkboxes in **Show Columns in Media Table** menu (*Figure 8.1*).

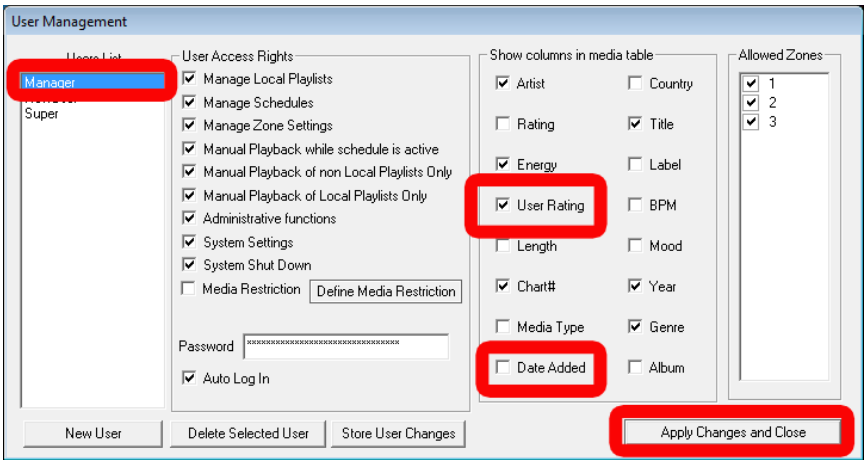


Figure 8.1

d.) Click **Apply Changes and Close** button to save the changes.

8.2
Auto-Playlist User Rating Rule

With **User Ratings**, rate each track with a 1-5 star rating. To rate a track, simply click on the desired number of stars.

To build an auto-playlist on based on saved **User Ratings**;

a.) Create a new **Auto Playlist** or edit an existing **Auto Playlist** by double-clicking on it.

b.) Click on the **Click here to configure** button.

c.) Select **User Rating** from the drop down menu in the **Configure Rule** form (*Figure 8.2*).

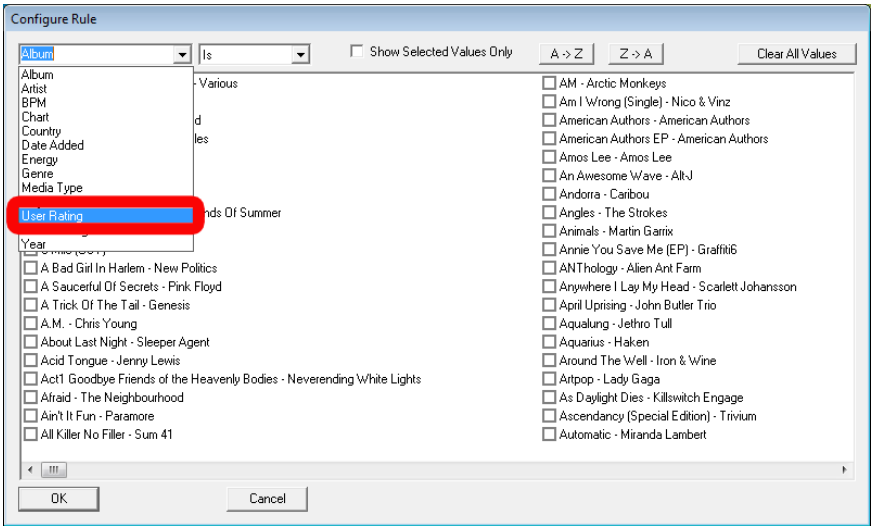


Figure 8.2

d.) Select the application rule condition and the desired values for this playlist (*Figure 8.3*).

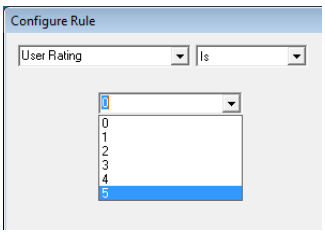


Figure 8.3

e.) Click **OK**.

f.) Click **Save and Exit**.

8.3
Auto-Playlist Date Added Rule

MUSICbox keeps track of every song downloaded onto the system. To enable the **Date Added** column, select **Date Added** in **Show Columns in Media Table** menu.

To build an **Auto Playlist** with a **Date Added** rule, simply;

a.) Create a new **Auto Playlist** or edit an existing **Auto Playlist** by double-clicking on it.

b.) Click on the **Click here to configure** button.

c.) Select **Date Added** from the drop down menu in the **Configure Rule** form (*Figure 8.4*).

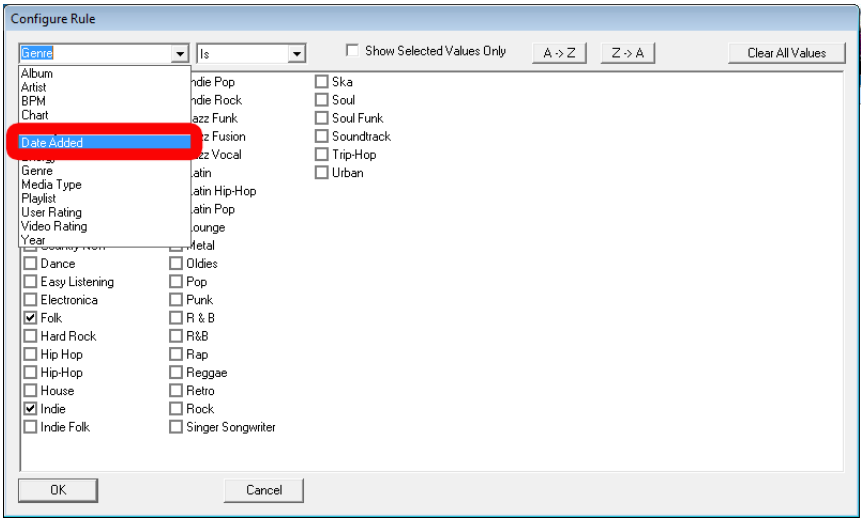


Figure 8.4

d.) Select the application rule condition and the desired values for this playlist (*Figure 8.5*).

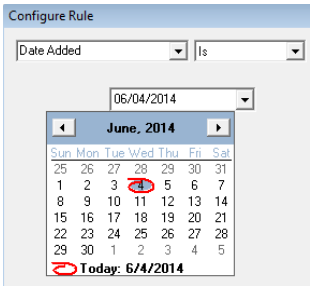


Figure 8.5

e.) Click **OK**.

f.) Click **Save and Exit** to save the changes.

8.4
Smart Playback

The MUSICbox player will keep a record of the last 10 songs played to ensure these songs do not appear at the top of the re-shuffle list. **Smart Playback** will only work on lists that do not already have an ordering rule attached.

8.5
Local Volume Adjustments

Local Volume Adjustments allow the volume of individual tracks to be adjusted between -2db to +2db. This parameter is unique to each song in the database. Each time the adjusted track is played, it will be played at the modified volume level. To make a **Local Volume Adjustment**, simply;

a.) Right-click on a track

b.) Select **Track Information** from the context menu.

c.) Set the desired volume level from the **Volume Adjustment** drop down box (*Figure 8.4*).

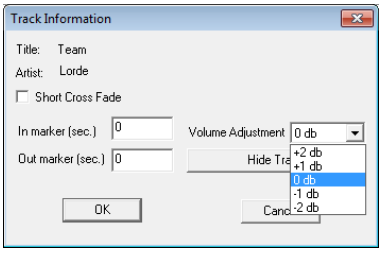


Figure 8.4

d.) Click **OK**.

8.6
In and Out Markers

Use Custom **In** and **Out** markers for each track to achieve the perfect **Cross Fade** for each track. PCMusic has already pre-calculated the optimal **In** and **Out** points for each track, however they can be adjusted manually. The **In** parameter will instruct the player to fade a track in at a certain point. Alternatively, the **Out** parameter will **Cross Fade** the track at the end, defined by the desired amount of seconds.

a.) Right-click the track to be adjusted.

b.) Select **Track Information** from the context menu.

c.) Enter the desired values in the **In marker** and/or **Out marker** boxes (*Figure 8.5*).

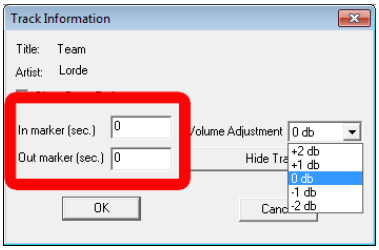


Figure 8.5

d.) Click **OK**.

8.7
Hiding Titles

Titles in the database can be removed and restored. This function will ensure unwanted tracks are excluded from a local media set and will also free up space on the hard drive. To hide titles;

a.) **Right-click** on a title.

b.) Select **Hide Title** from the context menu.

8.8
Restoring Titles

a.) Click the **Admin** button and select **Hidden Titles**.

b.) Select a song to restore and click the **Restore** button (*Figure 8.6*).

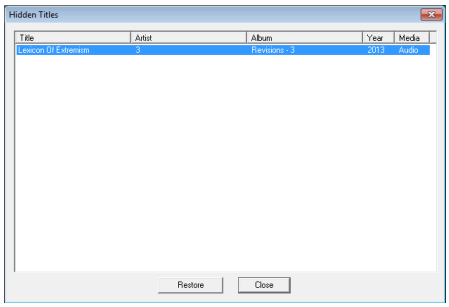


Figure 8.6

c.) Connect to PCMusic

I. A media update must be run to restore hidden tracks. If the track was deleted from the hard drive, it will be download again during this update.

8.9
Playback Shortcut Keys

The following keyboard shortcuts can be used to control playback:

- CTRL + Right Arrow – Jump 20% forward.
- CTRL + Left Arrow – Jump 20% backward.
- CTRL + Arrow Up – Switch to the previous song in the list.
- CTRL + Arrow Down – Switch to the next song in the list.

8.10
Add to Playback Queue

The **Add to Playback Queue** function adds the content of the selected list to the **Playback Queue**. It can be used to queue the contents of an entire playlist as well as the contents of a tag (**Artist**, **Genre**, etc.)

a.) Right click on **Playlist**, **Artist**, or **Genre**.

b.) Select **Add to Playback Queue** (*Figure 8.7*).

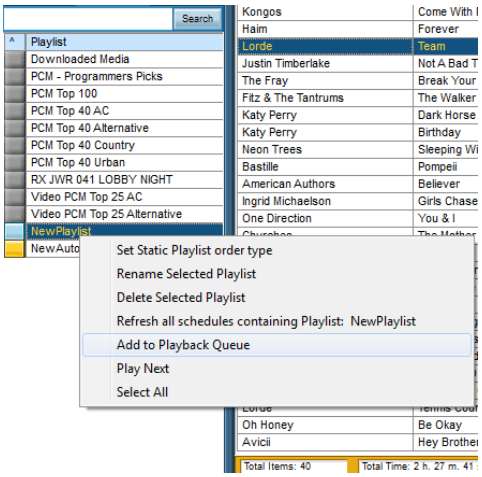


Figure 8.7

8.10
Web Proxy Support

Web Proxy Support allows proxy information to be input if the network traffic is managed through a web proxy.

a.) Hold **CTRL** and click on the **Admin** button.

b.) Select **Connection Settings**.

c.) The **Music Station Connection Settings** dialog box will open up (*Figure 8.8*).

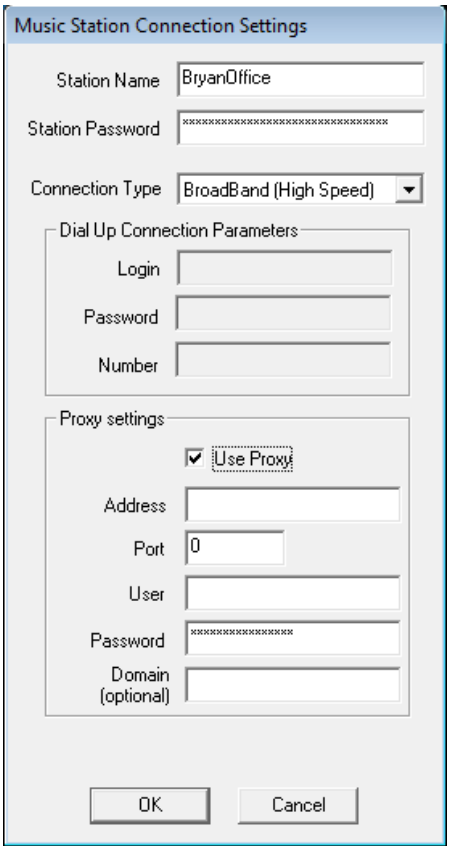


Figure 8.8

d.) Check the **Use Proxy** checkbox.

e.) Enter the proxy server **Address** and **Port** number.

f.) Enter the **User** and **Password**.

g.) Enter the domain name, if required.

h.) Click **OK**.

8.10
Volume Schedule

A **Volume Schedule** allows for the volume level of a particular zone, at a particular time of day to be automated.

a.) Click on the **Zone Menu**.

b.) Select the desired **Zone** for scheduling.

c.) Click on the **Admin Menu** and select **Volume Schedule**.

d.) Select the volume percentage of the schedule (*Figure 8.9*).

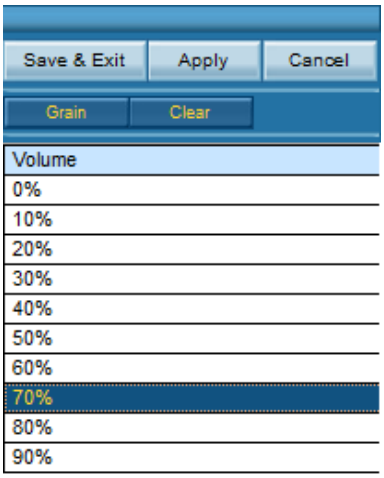


Figure 8.9

e.) Left-click in the frames to select the desired times for the specified volume (*Figure 8.10*).

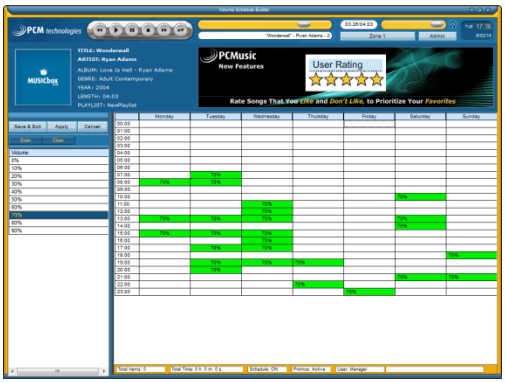


Figure 8.10

f.) Repeat steps d.) and e.) to create the volume schedule as needed.

g.) Click **Apply** to save changes.

h.) When finished, click **Save & Exit**.

8.11
Enabling Volume Schedule

a.) Click on the **Admin Menu**.

b.) Select **Zone Settings** from the dropdown menu.

c.) Enable the **Volume Schedule** by clicking in the box beside **Enable Volume Schedule** (*Figure 8.11*).

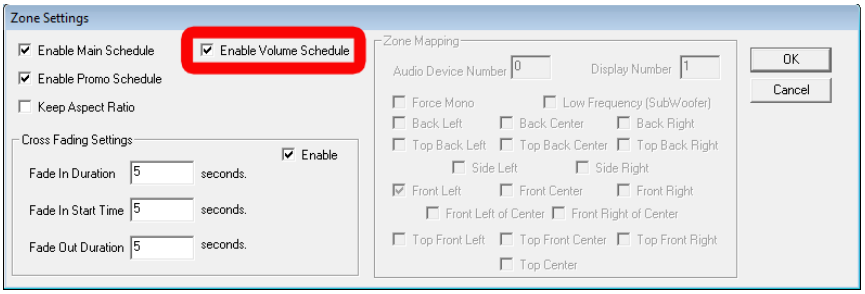


Figure 8.11

d.) Click **OK**.

8.12
Automation

MUSICbox can be connected to independent control systems via an RS-232. The actions available with this feature can be customized to suit any need, but please ensure to consult a PCMusic sales representative. To access these features;

a.) Hold CTRL on the keyboard while clicking on the **Admin Menu**.

b.) Select **Automation**.

c.) Enter the **COM Port** parameters as needed by your control system (*Figure 8.12*).

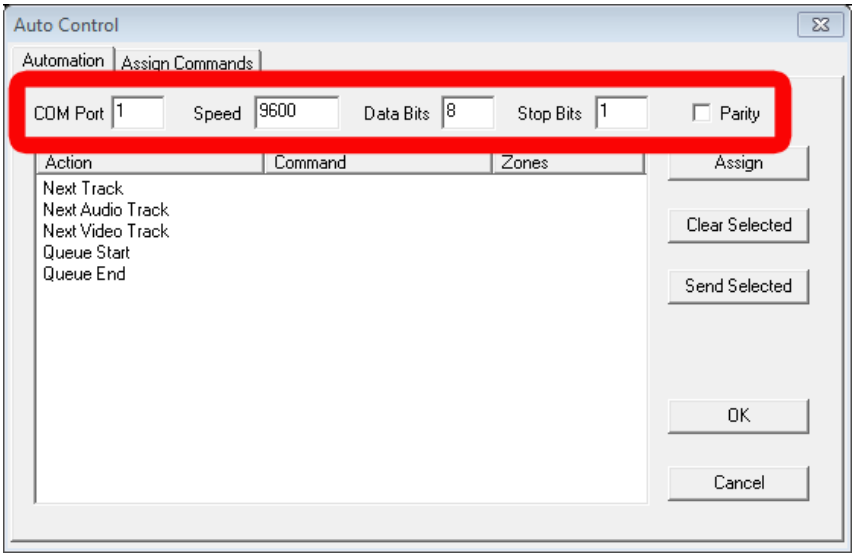


Figure 8.12

d.) Select one of the **Actions** listed.

e.) Click **Assign**.

f.) Enter the **Serial Command** string in the dialog box.

g.) Select the applicable **Zone(s)** number.

h.) Click **OK**.

i.) Test the command by clicking the **Send Selected** button.

j.) Click **OK**.